

PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/716,310			
		Filing Date	November 18, 2003			
		First Named Inventor	Abdul Malik			
		Art Unit	1723			
			Examiner Name	Ernest G. Therkorn		
Sheet	1	of	26	Attorney Docket Number	USF-236XT	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. 1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
EGT	U1	US-5,703,271	12-30-1997	Newkome et al.	All		
EGT	U2	US-5,886,126	03-23-1999	Newkome <i>et al</i> .	All		
EGT	U3	US-5,886,127	03-23-1999	Newkome <i>et al</i> .	All		
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	FOREIGN PATENT DOCUMENTS						
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Examiner Initials*	Cite No. ¹	Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	: T é	
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Translation in attached. Translation is attached.

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Application Number	10/716,310	
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Group Art Unit	1723	
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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
EGT	R1	ABE, I. et al. "A Simple and Versatile End-Sealing for Static Coating of Wide-Bore Glass Capillaries", Chromatographia, June 1989, pp. 631-632, Vol. 27, Nos. 11-12.				
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. <u>E</u> 6+	R4	AOI, K. et al. "Globular Carbohydrate Macromolecule "Sugar Balls" 3. "Radial-Growth Polymerization" of Sugar-Substituted α-Amino Acid N-Carboxyanhydrides (GlycoNCAs) with a Dendritic Initiator", Tetrahedron, 1997, pp. 15415-15427, Vol. 53, No. 45.				
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E6T	R8	BLOMBERG, L. G. "Current Aspects of Stationary Phase Immobilization in Open Tubular Column Chromatography", <i>Journal of Microcolumn Separations</i> , September 1990, pp. 62-68, Vol. 2, No. 2.				
EGT	R9	BRINKER, C. J. et al. "Sol-Gel Science" In: <u>The Physics and Chemistry of Sol-Gel Processing</u> , 1990, Academic Press, Inc. San Diego, CA.				
egt	R10	CASADO, C. M. et al. "Redox-Active Ferrocenyl Dendrimers and Polymers in Solution and Immobilised on Electrode Surfaces", Coordination Chemistry Reviews, 1999, pp. 53-79, Vol. 185-186.	: .			
EGT	R11	CHONG, S. L. et al. "Sol-Gel Coating Technology for the Preparation of Solid-Phase Microextraction Fibers of Enhanced Thermal Stability", <i>Anal. Chem.</i> , 1997, pp. 3889-3898, Vol. 69.				
EGT	R12	CUADRADO, I. et al. "Organometallic Dendrimers with Transition Metals", Coordination Chemistry Reviews, 1999, pp. 395-445, Vol. 193-195.				

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Sheet

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Filing Date	November 18, 2003			
First Named Inventor	Abdul Malik			
Group Art Unit	1723			
Examiner Name	Ernest G. Therkorn			
Attorney Docket Number	USE-236XT	·		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.	T²
EGT	R13	GUO, Y. et al. "A Stationary Phase for Open Tubular Liquid Chromatography and Electrochromatography Using Sol-Gel Technology", Anal. Chem., 1995, pp. 2511-2516, Vol. 67.	
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Sheet of B 6 **Attorney Docket Number** USF-236XT

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
E6T	R25	NARAYANAN, V. V. et al. "Supramolecular Chemistry within Dendritic Structures", Topics in Current Chemistry, 1998, pp. 19-77, Vol. 197.	
EGT	R26	NAWROCKI, J. "Silica Surface Controversies, Strong Adsorption Sites, Their Blockage and Removal. Part I", Chromatographia, February 1991, pp. 177-192, Vol. 31, Nos. 3-4.	
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EGT	R35	SMITH, D. K. et al. "Supramolecular Dendrimer Chemistry: A Journal Through the Branched Architecture", Topics in Current Chemistry, 2000, pp. 183-227, Vol. 210.	
egt	R36	STODDART, F. J. et al. "Metal-Containing Dendritic Polymers", Polyhedron, 1999, pp. 3575-3591, Vol. 18.	:

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Sheet 5 **Attorney Docket Number** USF-236XT

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EGT	R37	SUMPTER, S. R. et al. "Static Coating of 5 to 50 µm I.D. Capillary Columns for Open Tubular Column Chromatography", Journal of Chromatography A, September 26, 1990, pp. 503-519, Vol. 517.	
EGT	R38	VENTURI, M. et al. "Electrochemical and Photochemical Properties of Metal-Containing Dendrimers", Topics in Current Chemistry, 1998, pp. 193-228, Vol. 197.	
E6t	R39	WANG, D. et al. "Sol-Gel Column Technology for Single-Step Deactivation, Coating, and Stationary-Phase Immobilization in High-Resolution Capillary Gas Chromatography", Anal. Chem., 1997, pp. 4566-4576, Vol. 69.	
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EGT	R41	WRIGHT, B. W. et al. "Free Radical Cross-Linking in the Preparation of Non-Extractable Stationay Phases for Capillary Gas Chromatography", <i>Journal of Chromatography A</i> , October 15, 1982, pp. 17-34, Vol. 248, No. 1.	:
E6t	R42	YAKABE, Y. et al. "Immobilization Method for Polyethylene Glycol Using a Cross-Linking Co-Agent", Journal of Chromatography A, September 27, 1991, pp. 323-327, Vol. 558, No. 1.	
EGT	R43	YI, G. et al. "New Permethyl-Substituted β-Cyclodextrin Polysiloxanes for Use as Chiral Stationary Phases in Open Tubular Column Chromatography", J. Org. Chem., 1993, Vol. 4844-4850, Vol. 58.	
EGT	R44	ZENG, F. et al. "Dendrimers in Supramolecular Chemistry: From Molecular Recognition to Self-Assembly", Chem. Rev., 1997, pp. 1681-1712, Vol. 97.	. :
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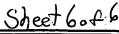
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

Sol-Gel Dendron Separation and Extraction Capillary Column

Application Number:

10/716310

Confirmation Number:

7300

First Named Applicant:

Abdul Malik

Search string:

Attorney Docket Number: 1372.204.PRWOUS (4043905 or 4746572 or 4756971 or 5082559

or 5224972 or 5308495).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
EGT	1	4043905	1977-08-23	Novotny et al.			
EST	2	4746572	1988-05-24	Glajch et al.		·	
EGT	3	4756971	1988-07-12	Virtanen et al.			•
E67	4	5082559	1992-01-21	Eguchi et al.			•
BGT	5	5224972	1993-07-06	Frye et al.			
Est	6	5308495	1994-05-03	Avnir et al.			. :

Signature

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E. THERKORY	9/6/06		